

Page 1 of 1

All amounts are calculated in domestic currency.

[illegible]



Castle Metals®

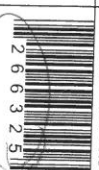
A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

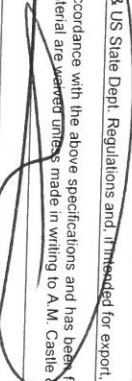
Shipment No:2841270

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped 07-JAN-16	F.O.B. ORIGIN	Freight Terms Prepaid		Carrier MANITOU LIN		BOL No 2841270-2	

Shipment Details							
Final Destination Branch - TOR							
Order No 4194479	Line No 1	Item No 4885	Description 1.0000.SQ.303.STAINLESS.CD.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582				
Purchase Order No 30678	Part Number		Ordered Qty 12.00 FT		Invoice Qty 12.9167 FT		
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavote@dataero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS							
Delivery No. 120297057	Mill VALBRUNA CORPORATION	Heat Number  2 6 6 3 2 5 1	Mech/Id 0047	PCS 1	Width (IN)	Length (IN) 155.0000	Shipped Qty(LBS) 43.9167

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if needed for export, were are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative: 

Date: Name:

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.

Date Printed: 07-JAN-2016 04:51:14 PM

HEAT NUMBER 066325
MECHANICAL ID 4885
ITEM CODE 304003
LOT NUMBER 8-27-15
PO NUMBER Valerius
RECEIPT DATE
SUPPLIER
SPECIFICATION
LOS
COMMENT
APPROVED

Product Certification Report

Report Number: 5165550

VALBRUNA
SLATER STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802 USA
PHONE 260.434.2800 - FAX 260.434.2801



Order I.D. 1402272 001		Order Date 8/26/14		Commodity Code 4885	
Dim 1 1.0000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 266325	Customer I.D. 001123	Customer Purchase Order 304003
Product Shape Cold Drawn Squares			Product Surface Cold Drawn Finish		
Length (inches) 132.000 Min. 156.000 Max.			Bar or Lading # 425636	Weight	Melt Date: 2/23/15

VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

Sold To

CASTLE METALS
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131

Ship To

Items: 0044 0046

AISI 303
UNS S30300
AMS 5640U TYPE 1
Condition A
ASTMA 484-14a
ASTMA 582-12e1
3303-22 REV 33

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.042	1.76	.032	.26	.55	17.09	8.11	.28	.66	.12	.02

BRINELL (Type A device) (E-10)

HBW

235

TENSILE PROPERTIES ASTM E8-15a

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
110100	67700	44.7	55.0

MACRO ASTM E340-15/E381-01

MACRO

OK

No welding or weld repair done.

Material when shipped is free from contamination by mercury, radium, alpha source, and low melting elements.

Reduction Ratio Exceeds 4:1

Electric Furnace melted; AOD refined.

Chemical testing to one or more of the listed ASTM methods:

E415-14, E1019-11, E1086-14.

Location of tensile fracture: inside middle of gage length, %elong after fracture.

Chemical Analysis performed at Acciaierie Valbruna, Italy.

No mercury or low melting alloy contamination. No weld repair.

Melted and manufactured in Italy.

Material conforms to listed specifications and is DFARS compliant.

Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes. Including Federal law Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info. I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

Dennis Hackett

email: DHackett@valbruna.us

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 303	DATE: 16/01/12
MATERIAL CERT REC'D: 12.90	THICKNESS ORDERED: 1.00X1.00
QUANTITY RECEIVED: 12.90	THICKNESS RECEIVED: 1.00X1.00
QUANTITY INSPECTED: 12.90	SHEET SIZE ORDERED:
QUANTITY REJECTED:	SHEET SIZE RECEIVED:

PO / BATCH NO: 30678/133945

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y	
CORRECT FINISH	Y	
CORROSION	Y	
CORRECT GRAIN DIRECTION	Y	
CORRECT MATERIAL	Y	
CORRECT THICKNESS	Y	
PHOTO REQUIRED	Y	
CORRECT MATERIAL	Y	
CORRECT REF # TO LINK CERT	Y	
CORRECT MATERIAL IDENTIFICATION	Y	
CORRECT # ON THE MATERIAL	Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK				
RECORD RESULTS BELOW				
HRC	HRB	DUR A	DUR D	

Testers located in the Quality Office

QC 18 INSPECTION	
INSPECTED BY: DAS 14	DATE: 16/01/12
SIGNED OFF BY:	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO30678
Purchase Order Date 12/7/2015
PO Print Date 12/7/2015

Page Number 1 of 4

Order Form :

VU-MET002

Ship To : DART AEROSPACE LTD

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W 0E9
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone

Buyer
Chantal Lavoie

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Customer POID
Customer Tax #
Terms
Net 30
USD
Destination-Collect

Yours ppd

Line	Reference	Description/	Mfg ID	Reg Date/	CD	Req Qty/	Unit of	Measure	PO Unit Price	Extended
Nbr	Vendor Part Number	Line Comments		Taxable						Price

M303B1.000X1.000

303 BAR 1" X 1"

12/14/2015

Yes

12/14/2015

MATERIAL: AISI 303 SS BAR AS PER ASTM A582
NOTE: AISI 304/316 NOT ACCEPTABLE

SP/14-01-11

Line Total:

\$152.88

M303R2.000

303 ROUND BAR 2"

12/14/2015

Yes

12/14/2015

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582
NOTE: AISI 304/316 NOT ACCEPTABLE

SP/14-01-11

Line Total:

\$239.76

Note:

12/7/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO30678

Purchase Order Date 12/7/2015
PO Print Date 12/7/2015

Page Number 2 of 4

Order From :

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W 0E9
CANADA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Yours ppd

Buyer
Customer POID
Customer Tax #
Terms
Currency
FOB
Destination-Collect

Chantal Lavoye

10127-2607

Net 30

USD

Destination-Collect

3

M7075T6B6.000X0.250

7075-T6 BAR 6.000" X

12/21/2015

0.250"

Yes

12/21/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

f

12.16

\$16.78

\$204.00

Line Total:

\$204.00

4

M7075T6B6.000X1.000

7075-T6 BAR 6.000" X

12/21/2015

1.000"

Yes

12/21/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

f

11.50

\$48.52

\$558.00

Line Total:

\$558.00

Note:

12/7/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID P030678
Purchase Order Date 12/7/2015
PO Print Date 12/7/2015
Page Number 3 of 4

Order From :

VU-MET002

Ship To : DART AEROSPACE LTD

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W 0E9
CANADA

Contact Name
Vendor Phone
Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:
Yours ppd
Buyer
Customer POID
Customer Tax #
10127-2607
Terms
Net 30
USD
Currency
FOB
Destination-Collect

5 M7075T6B7.000X2.000 7075-T6 BAR 7.000" X 2.000" (order in billets) 12/21/2015 11.15 \$93.27 \$1,040.00

NOTE: CUT TO SIZE 10 PCS AT 13.375" GRAIN DIRECTION ALONG LENGTH
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

6 M7075T6B1.250X07.000 7075-T6 BAR 1.25" X 7.000" ORDER PRE CUT 12/21/2015 12.50 \$60.96 \$762.00

NOTE: CUT TO SIZE 3 PCS AT 50" GRAIN DIRECTION ALONG LENGTH
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE
12/21/2015 Yes

Line Total: \$762.00

8015-13-22

12/7/2015

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30678

Purchase Order Date 12/7/2015

PO Print Date 12/7/2015

Page Number 4 of 4

Order From :

VU-MET002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W 0E9
CANADA

Contact Name
Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Net 30

10127-2607

Chantal Lavoie

Currency

USD

Destination-Collect

M7075T6B4.000X4.000

7075-T6 BAR 4.000" X

12/21/2015 FN

10.67

\$104.25

\$1,112.00

CUT AT 32" LONG

Yes

12/21/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR

AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT TO SIZE 4 PCS AT 32" GRAIN DIRECTION ALONG LENGTH

8 71401-45

PROCUREMENT
QUALITY CLAUSES

No

12/21/2015

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total:

\$1,112.00

PO Total:

\$4,068.64

Line Total:

\$0.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Date: 12/7/2015

Change Nbr: 1